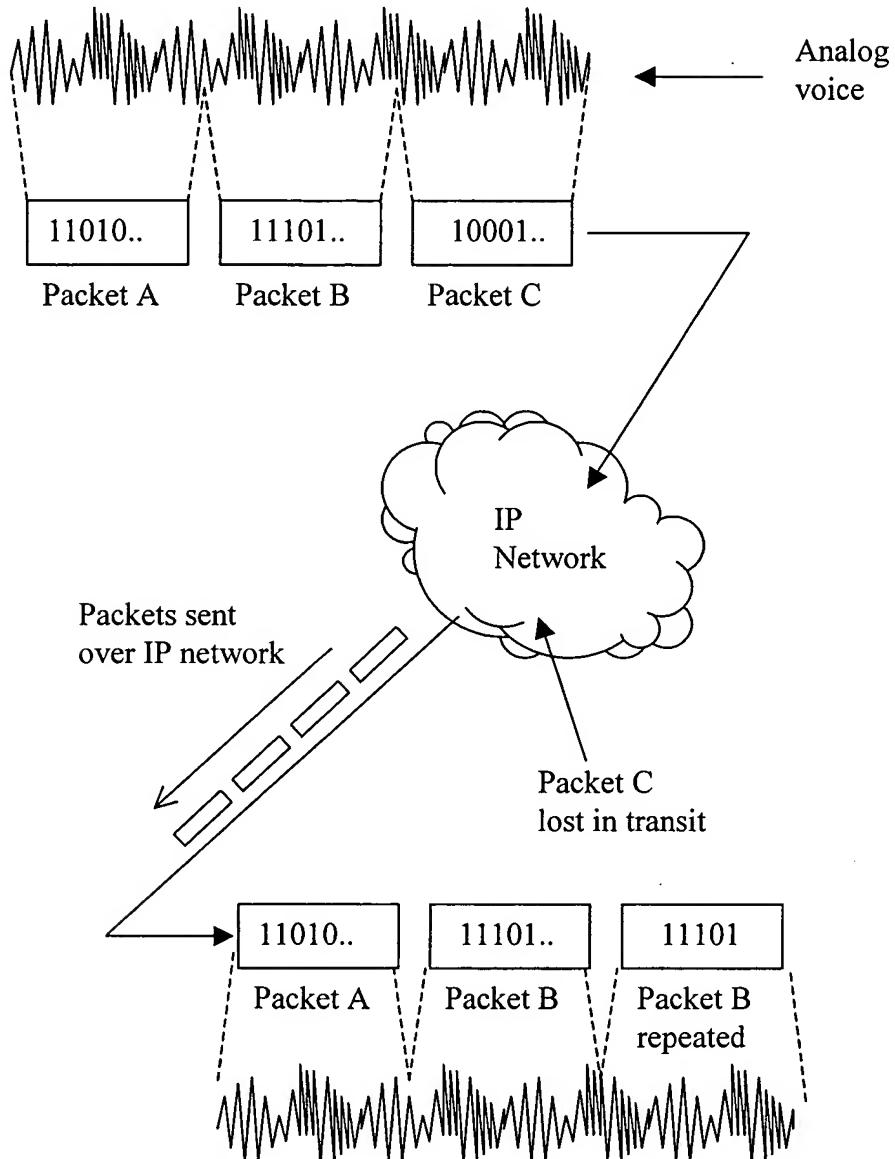


Encoder - breaks analog voice stream into segments, converts to digital form and places into IP packets



Decoder - converts digital voice packets back to an analog voice stream

If a packet is lost - repeat last correctly received packet

Figure 1 - Illustrative example of the effects of packet loss in a packet voice system

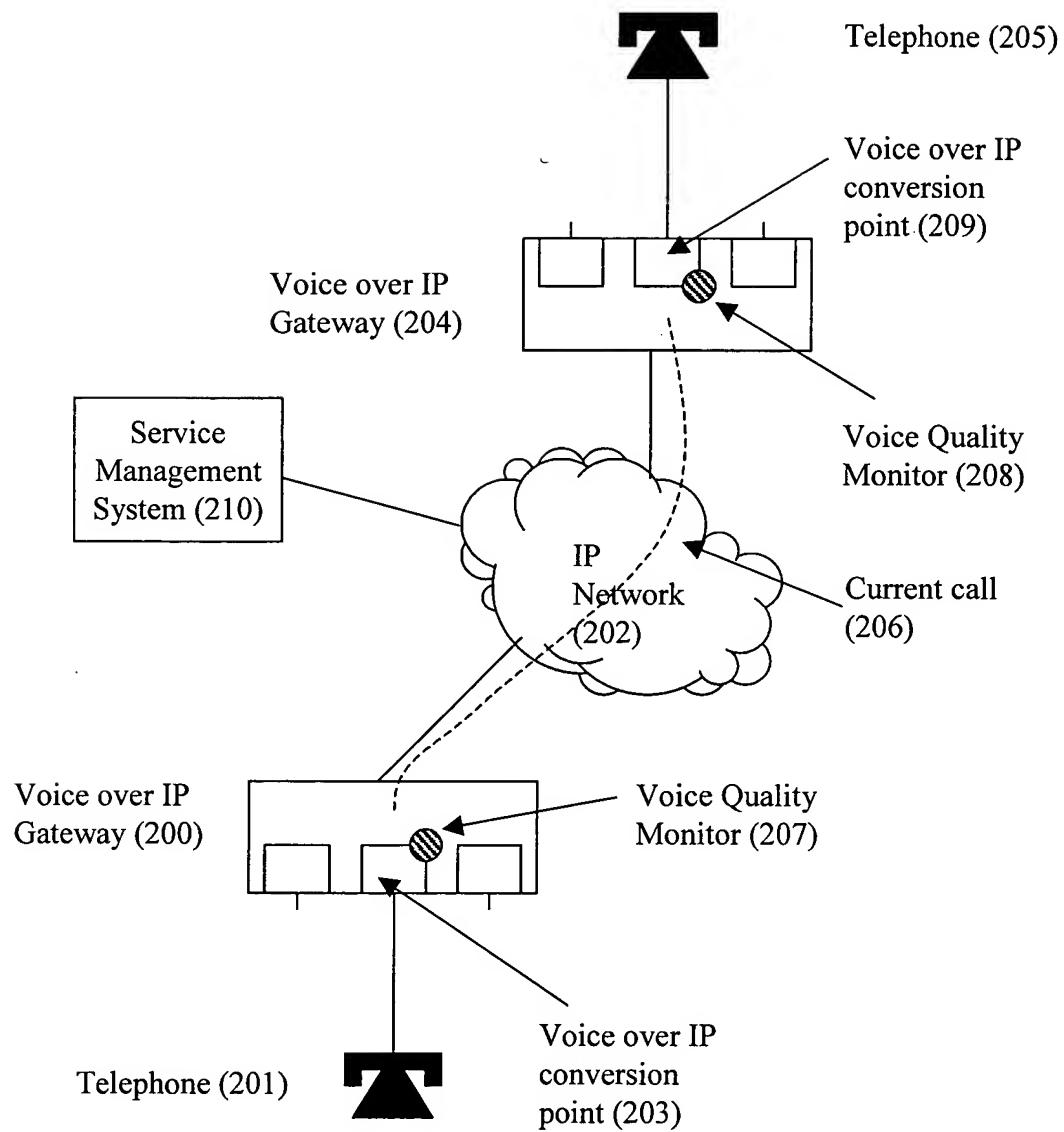


Figure 2 - Example of a packet voice network containing the Voice Quality Monitoring System

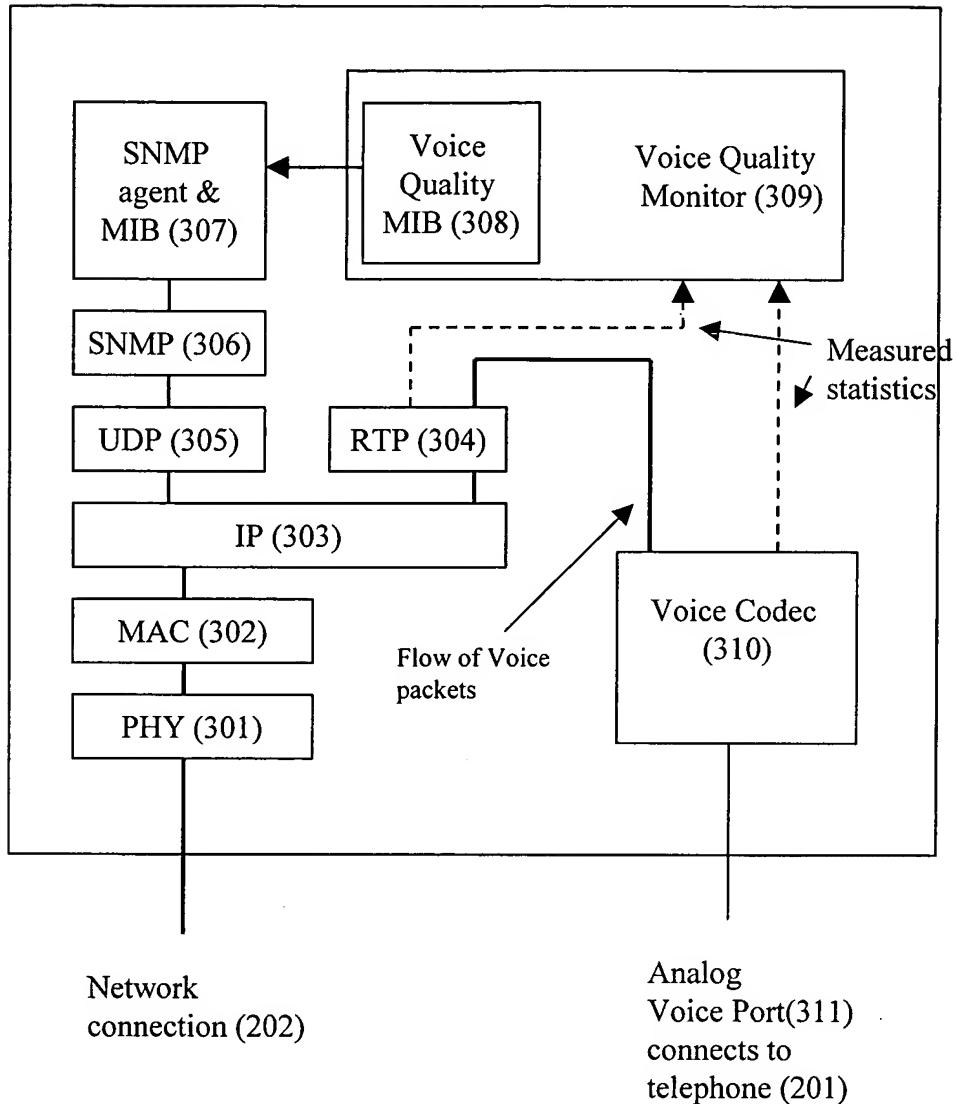


Figure 3 - Packet Voice Conversion Point containing a Voice Quality Monitoring System

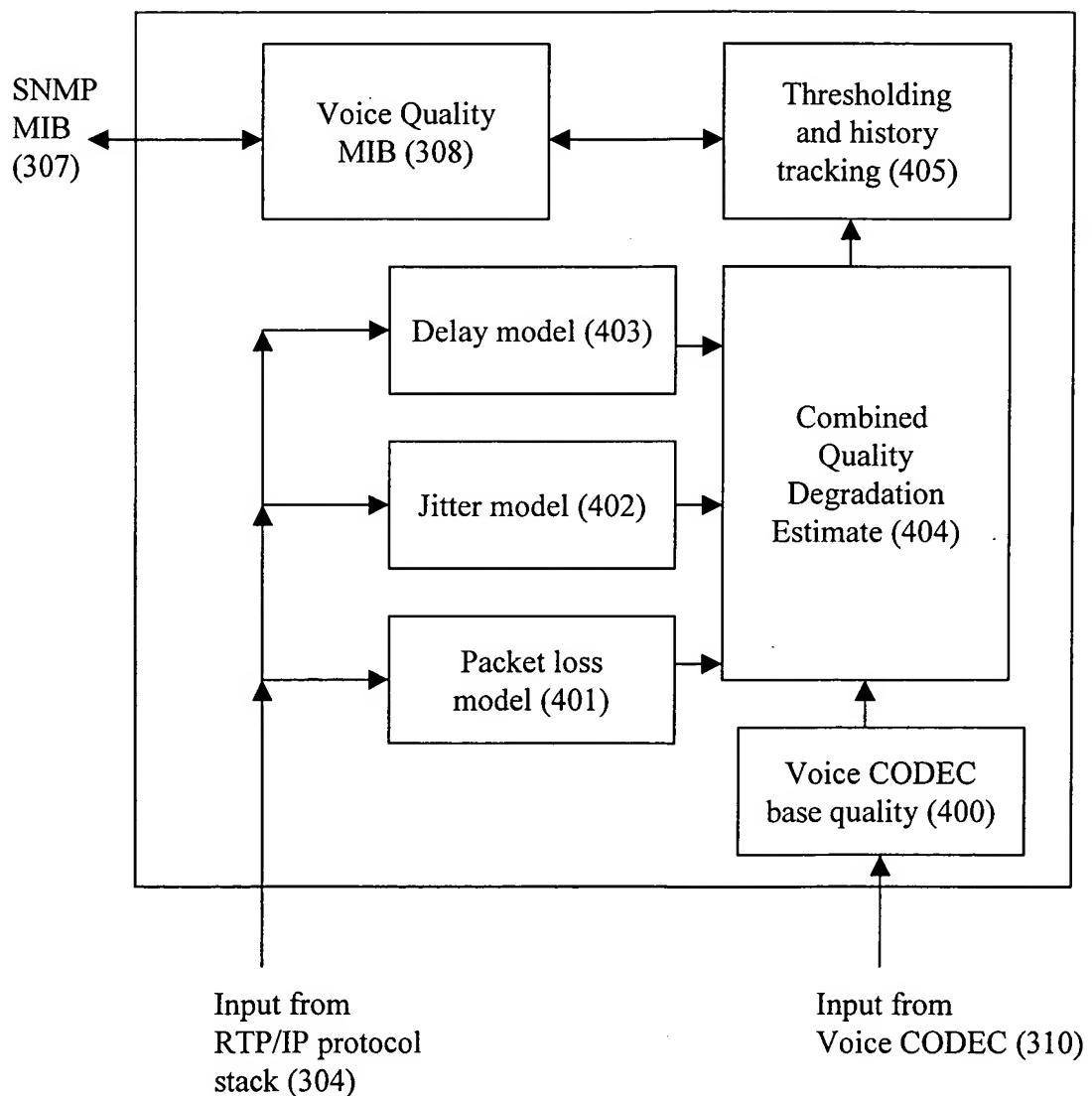
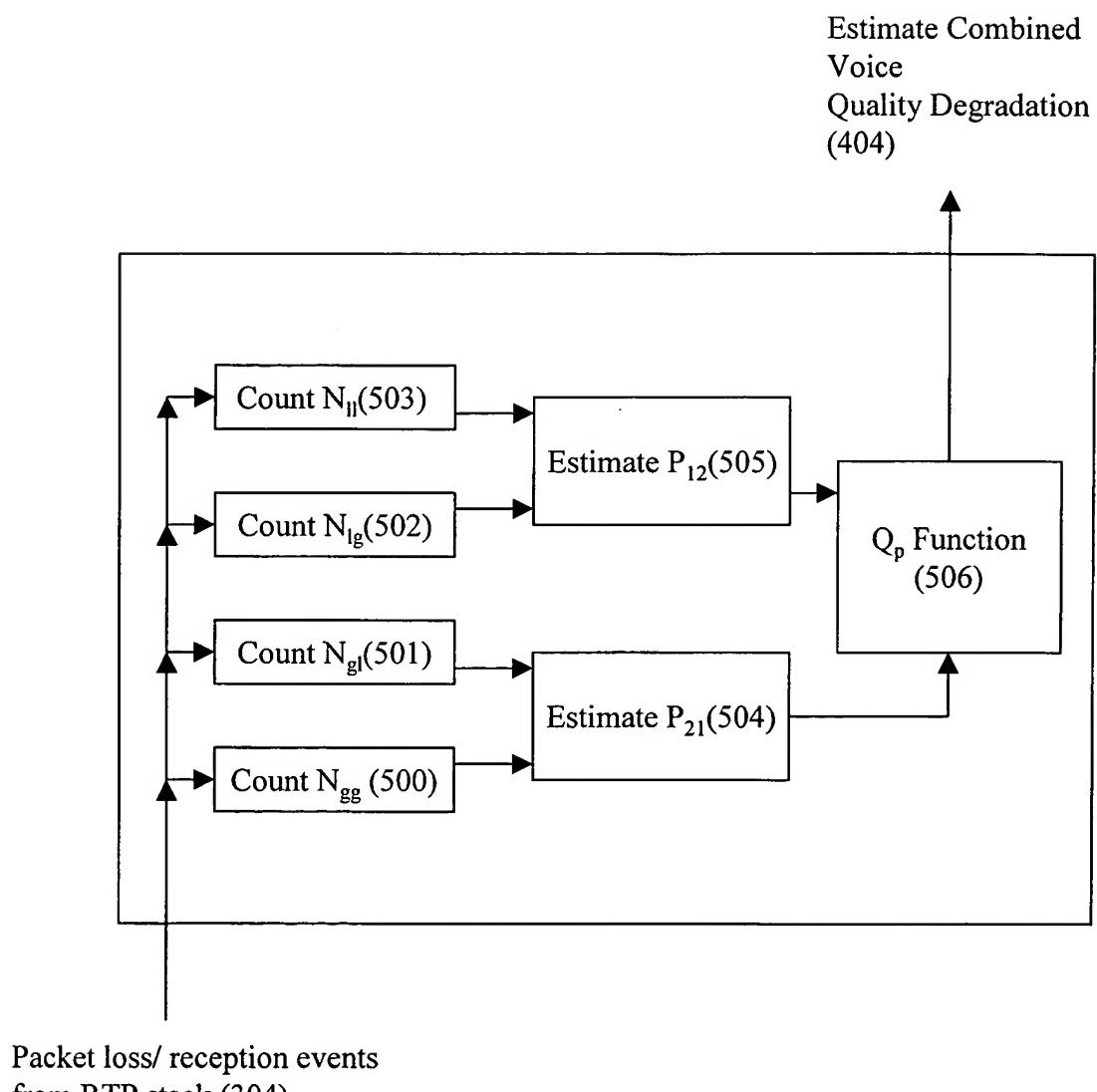
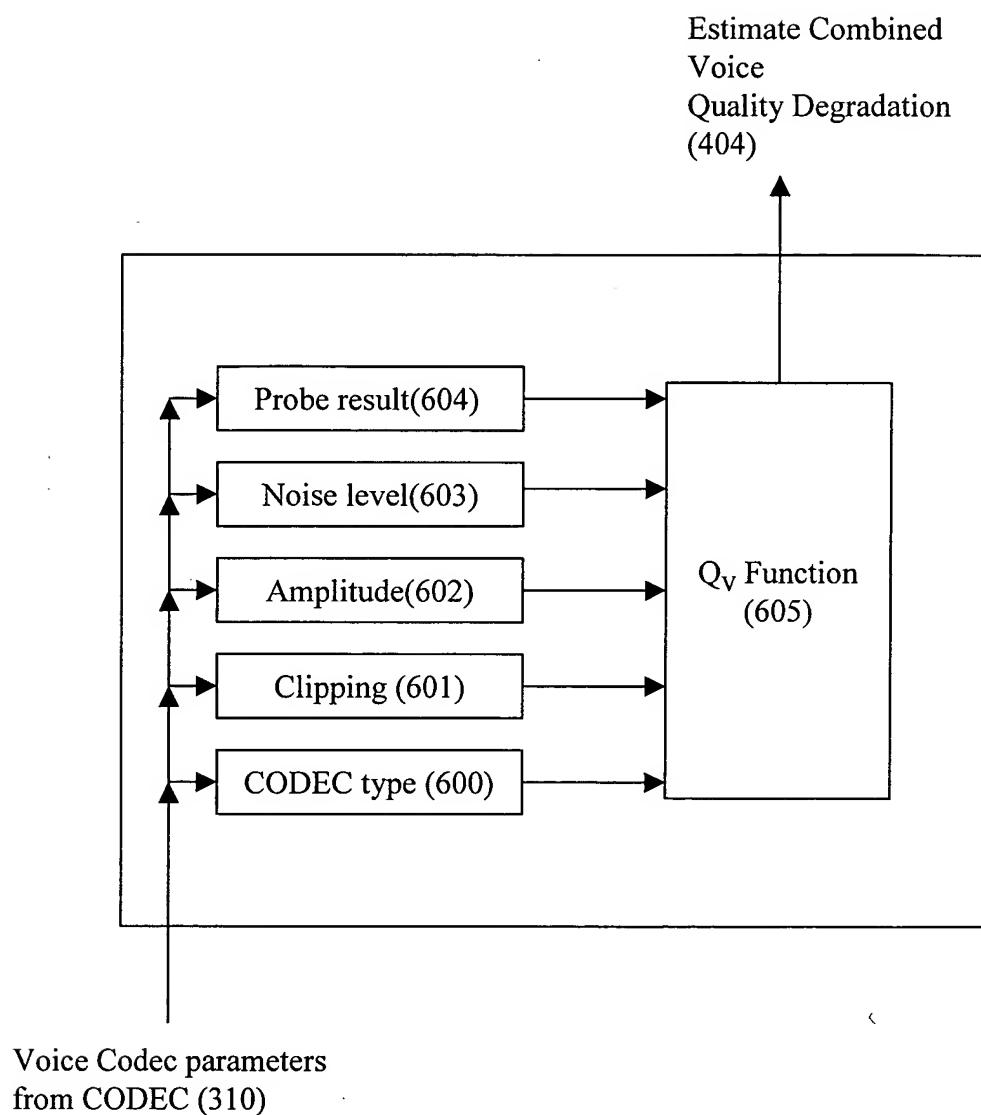


Figure 4 - Voice Quality Monitoring System



**Figure 5 - Voice Quality Monitoring System
- Packet Loss Model Subsystem**



**Figure 6 - Voice Quality Monitoring System
- Voice CODEC Model Subsystem**

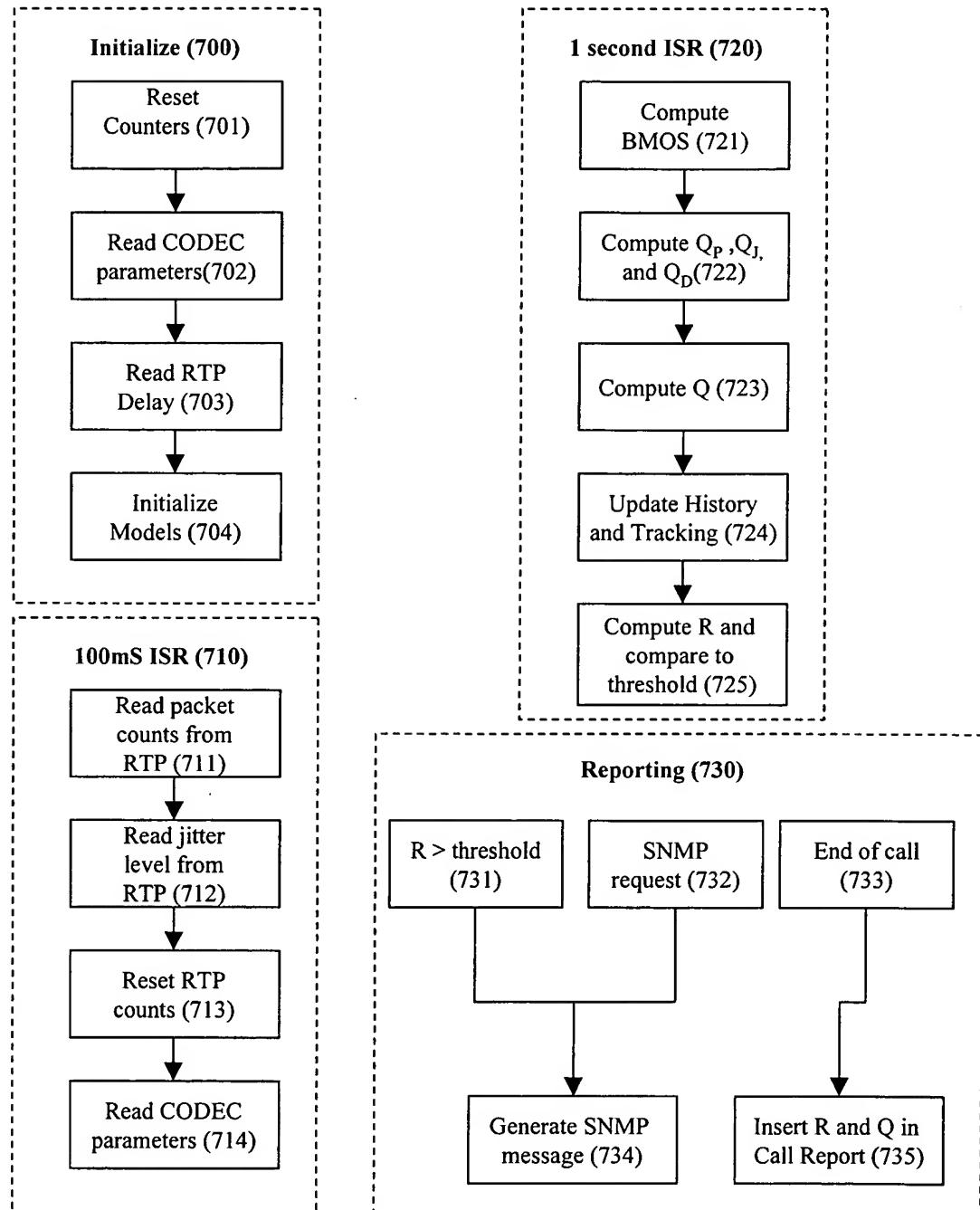


Figure 7 - Voice Quality Monitoring System
- Flowchart of major functions